

State of California
Regional Water Quality Control Board
San Diego Region

EXECUTIVE OFFICER SUMMARY REPORT
October 13, 2004

ITEM: 5

SUBJECT: REVISION OF WASTE DISCHARGE REQUIREMENTS: CITY OF SAN DIEGO, SOUTH BAY WATER RECLAMATION PLANT, SAN DIEGO COUNTY (TENTATIVE ADDENDUM NO. 1 TO ORDER NO. R9-2000-0203) (*David Hanson*)

PURPOSE: To consider modifications to the waste discharge requirements for the City of San Diego's South Bay Water Reclamation Plant (SBWRP).

PUBLIC NOTICE: The agenda notice for the October 13, 2004 Regional Board meeting that was mailed on September 24, 2004 served as the required 10-day public notice for this item. Copies of tentative Addendum No. 1 were mailed to the discharger and interested parties on October 1, 2004.

DISCUSSION: By letter dated August 9, 2004, the California Department of Health Services (DHS) requested changes to the operation, maintenance, monitoring, and reporting requirements associated with the ultraviolet (UV) disinfection system employed at the SBWRP. Tentative Addendum No. 1, if adopted, would incorporate the changes requested by DHS.

Some minor comments have been received from the discharger to date and incorporated into the tentative addendum. Responses to any additional comments and any necessary changes to the tentative Order will be provided in the second mailing.

KEY ISSUES: Order No. 2000-203 was written prior to the completion of a validation study demonstrating the ability of the SBWRP UV disinfection system to meet Title 22 microbiological water quality standards.

LEGAL CONCERNS: None

**SUPPORTING
DOCUMENTS:**

1. Facility location map
2. Tentative Addendum No. 1 to Order No. 2000-203 with transmittal letter.
3. DHS letter dated August 9, 2004

**SIGNIFICANT
CHANGES FROM
CURRENT ORDER:**

Of the changes proposed in tentative Order No. 2000-0203, the following can be considered significant:

1. A minimum UV system flow rate of 1.3 million gallons per day is specified.
2. The minimum UV dose is changed from 140 to 100 mJ/cm² and a UV dose calculation method is specified.
3. A minimum UV transmittance and power setting are specified.

**COMPLIANCE
RECORD:**

The SBWRP has not yet delivered recycled water.

RECOMMENDATION:

Adoption of tentative Addendum No. 1 to Order No. 2000-203 is recommended.